

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
 Data File : BF117715.D
 Acq On : 7 Nov 2019 20:00
 Operator : JU
 Sample : K5723-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 9-C

Quant Time: Nov 08 02:36:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

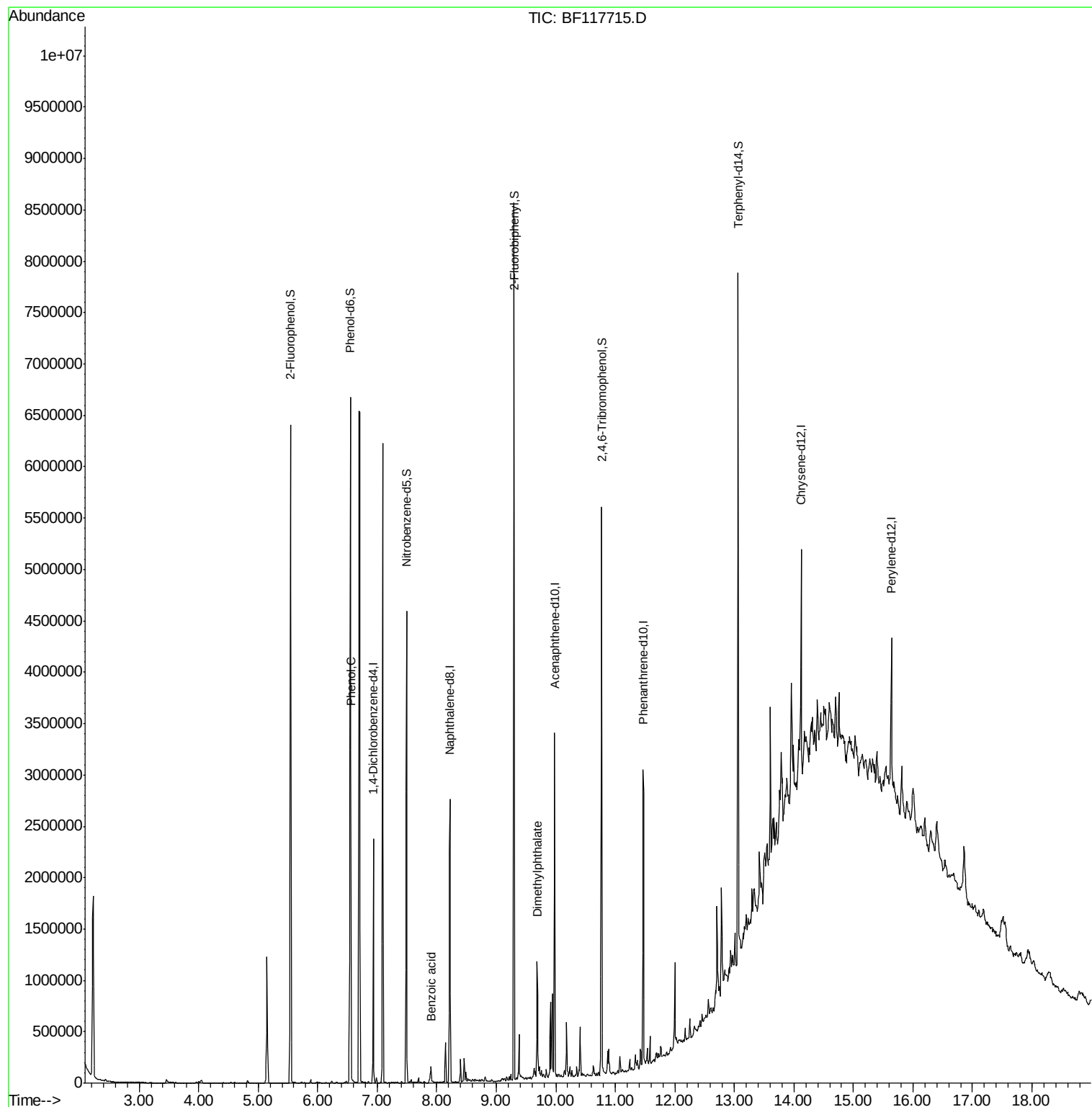
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	307346	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1170621	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	603974	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1087451	20.00	ng	0.00
76) Chrysene-d12	14.12	240	694623	20.00	ng	0.00
87) Perylene-d12	15.64	264	825268	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1851578	109.05	ng	0.00
7) Phenol-d6	6.55	99	2334201	111.49	ng	0.00
23) Nitrobenzene-d5	7.49	82	1413316	71.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	633136	107.16	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	2418412	79.00	ng	0.00
79) Terphenyl-d14	13.06	244	2309401	68.44	ng	0.00
Target Compounds						
10) Phenol	6.56	94	97928	4.341	ng	96
32) Benzoic acid	7.90	122	49396	3.850	ng	96
50) Dimethylphthalate	9.69	163	369694	9.054	ng	98

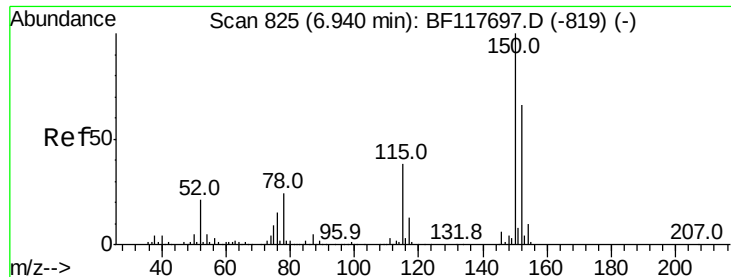
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117715.D
Acq On : 7 Nov 2019 20:00
Operator : JU
Sample : K5723-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
9-C

Quant Time: Nov 08 02:36:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration



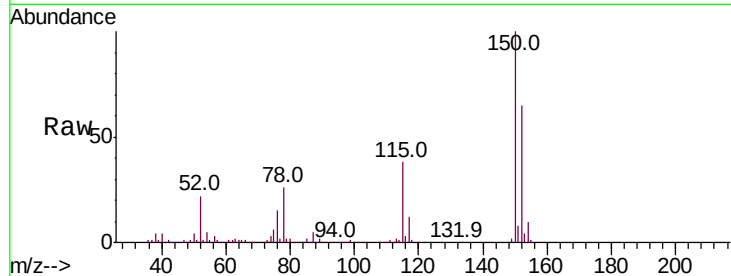


#1

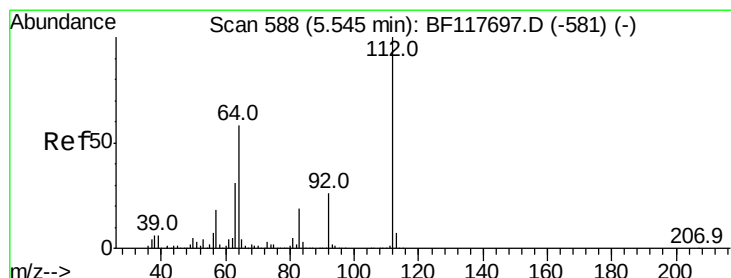
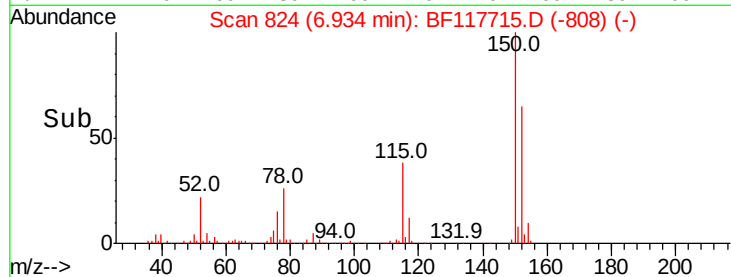
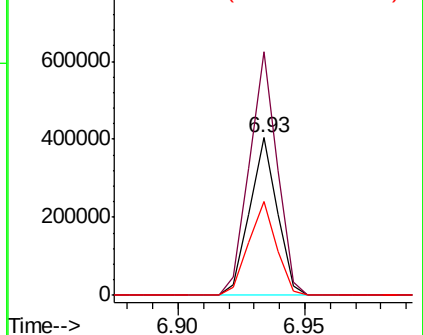
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117715.D
Acq: 7 Nov 2019 20:00

Instrument :
BNA_F
ClientSampleId :
9-C

Tot Ion:152 Resp: 307346
Ion Ratio Lower Upper
152 100
150 154.6 121.4 182.2
115 59.4 46.7 70.1



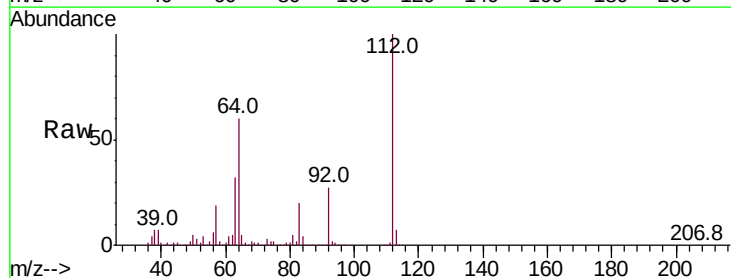
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



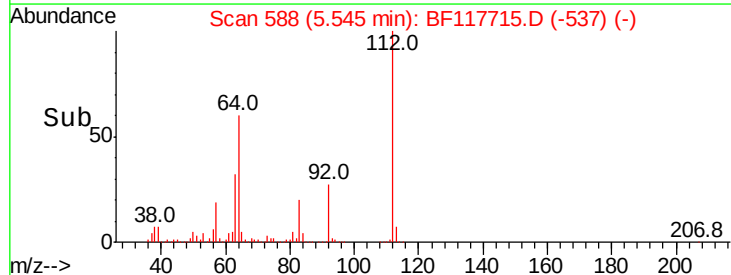
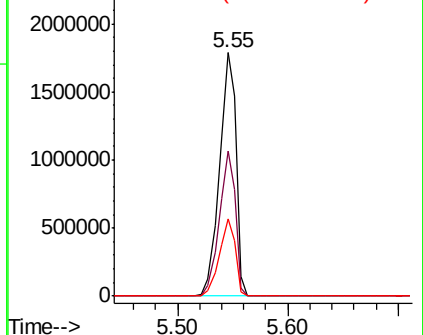
#5

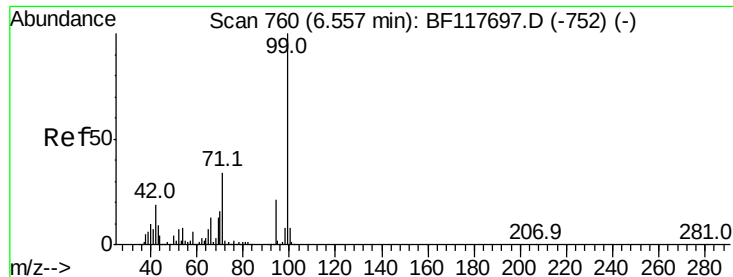
2-Fluorophenol
Concen: 109.051 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117715.D
Acq: 7 Nov 2019 20:00

Tgt Ion:112 Resp: 1851578
Ion Ratio Lower Upper
112 100
64 59.7 46.4 69.6
63 31.8 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 111.494 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

Instrument :

BNA_F

ClientSampleId :

9-C

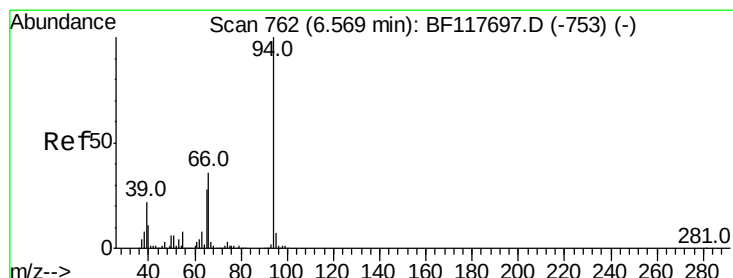
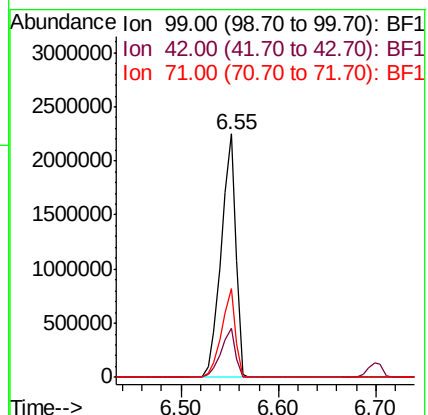
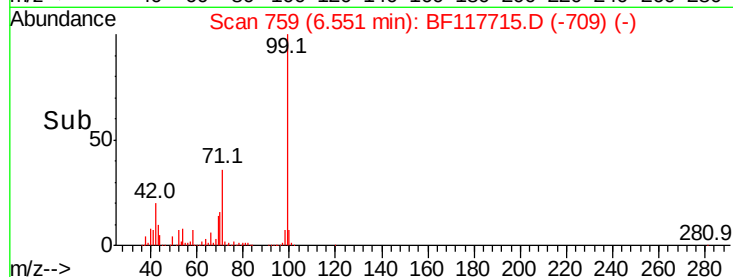
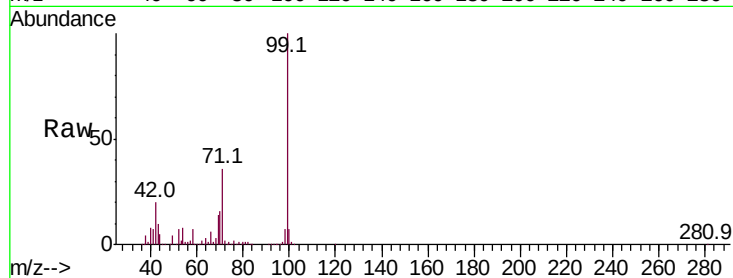
Tot Ion: 99 Resp: 2334201

Ion Ratio Lower Upper

99 100

42 20.2 15.3 22.9

71 36.4 26.8 40.2



#10

Phenol

Concen: 4.341 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

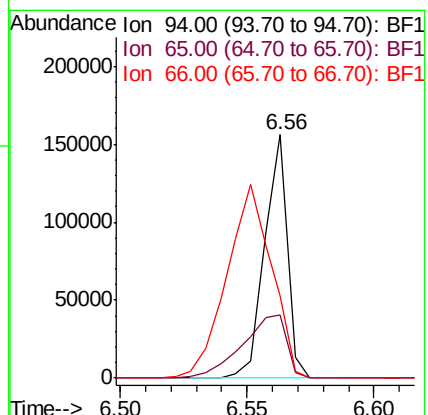
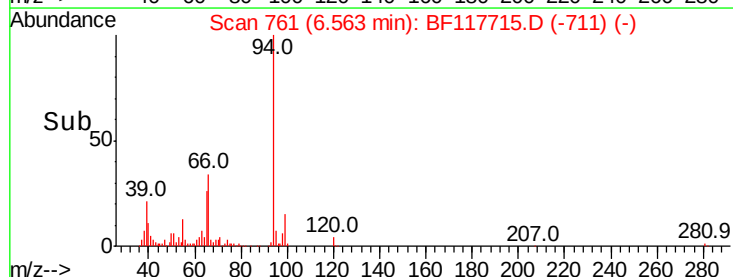
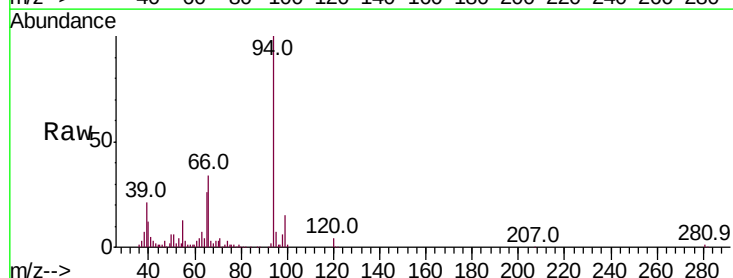
Tgt Ion: 94 Resp: 97928

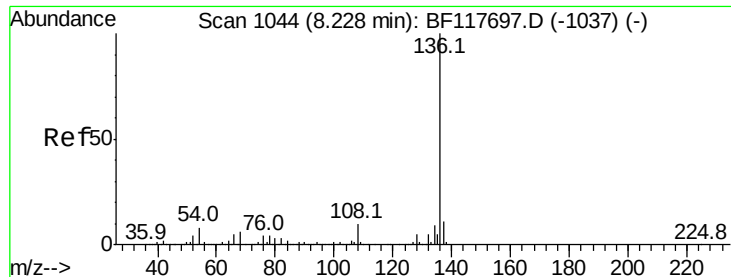
Ion Ratio Lower Upper

94 100

65 25.9 7.6 47.6

66 33.7 16.1 56.1



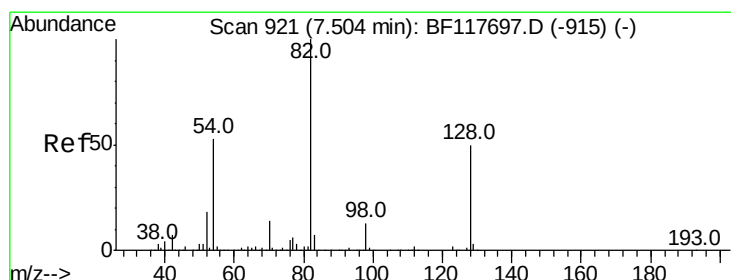
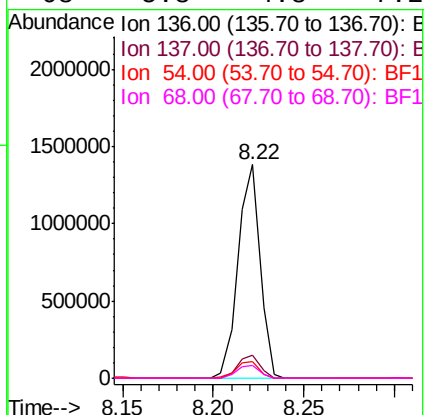
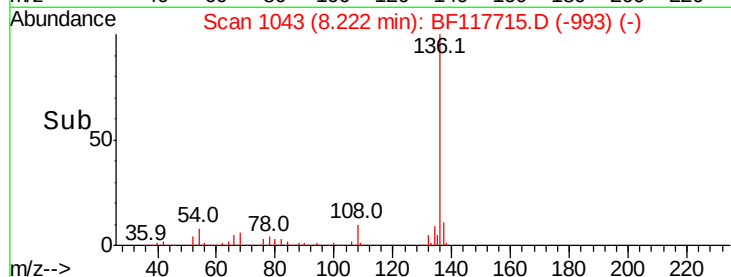
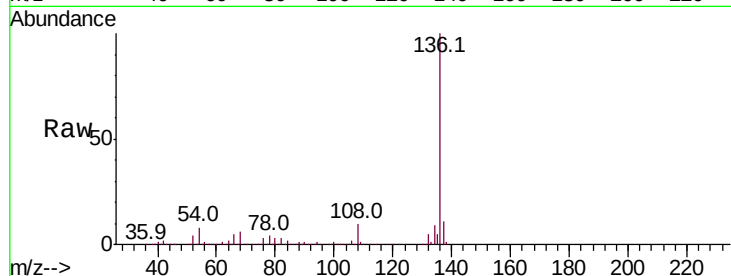


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117715.D
Acq: 7 Nov 2019 20:00

Instrument :
BNA_F
ClientSampleId :
9-C

Tot Ion:136 Resp: 1170621

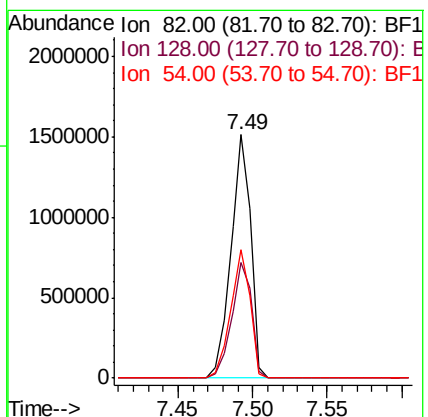
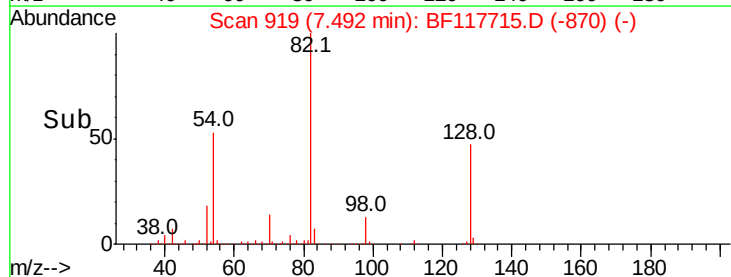
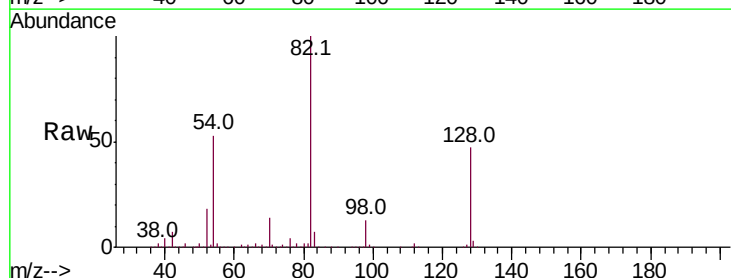
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	6.0	9.0
68	5.8	4.8	7.2

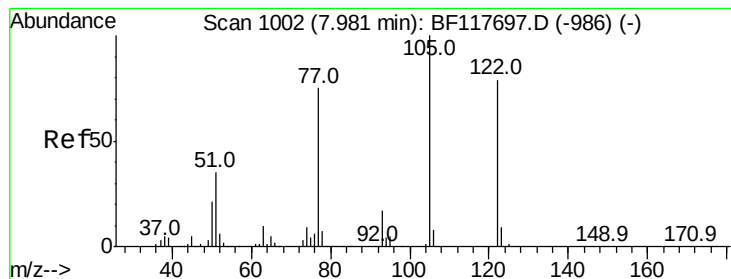


#23
Nitrobenzene-d5
Concen: 71.279 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117715.D
Acq: 7 Nov 2019 20:00

Tgt Ion: 82 Resp: 1413316

Ion	Ratio	Lower	Upper
82	100		
128	47.3	40.2	60.2
54	52.9	42.0	63.0





#32

Benzoic acid

Concen: 3.850 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.08 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

Instrument :

BNA_F

ClientSampleId :

9-C

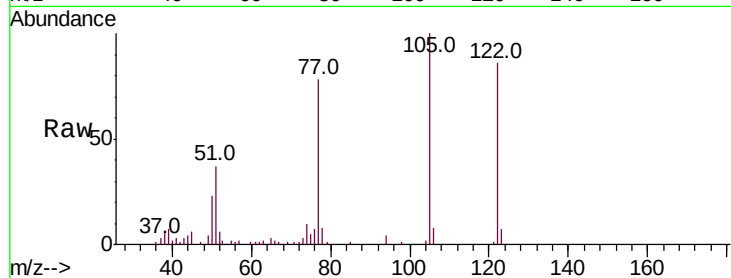
Tot Ion:122 Resp: 49396

Ion Ratio Lower Upper

122 100

105 116.4 102.8 142.8

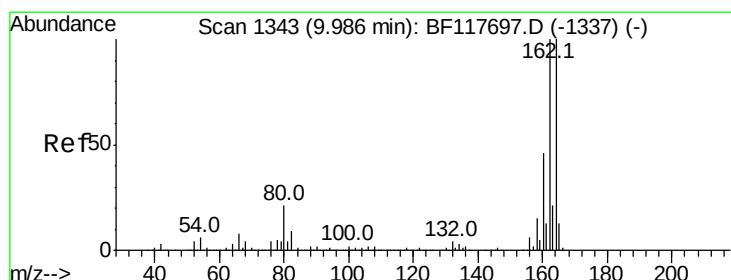
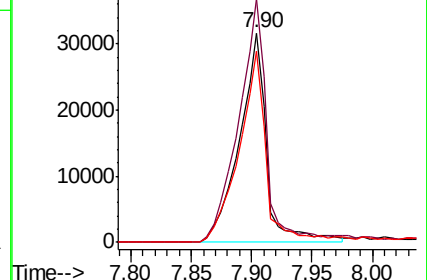
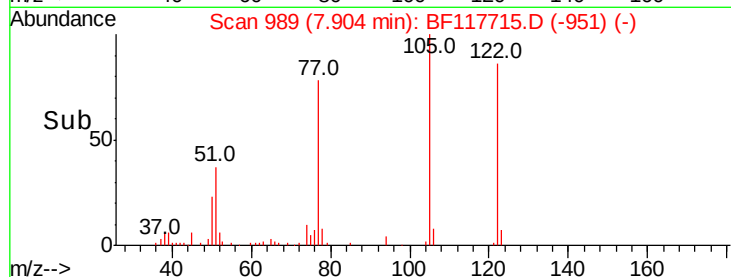
77 91.2 73.2 113.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

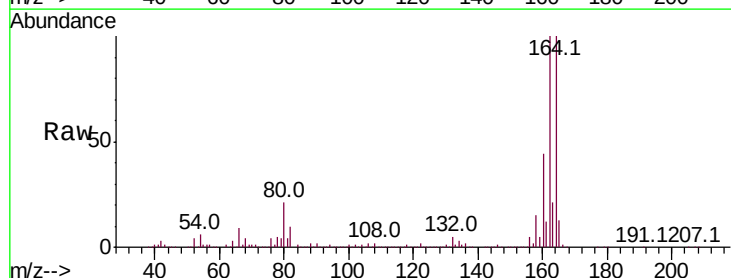
Tgt Ion:164 Resp: 603974

Ion Ratio Lower Upper

164 100

162 100.3 79.7 119.5

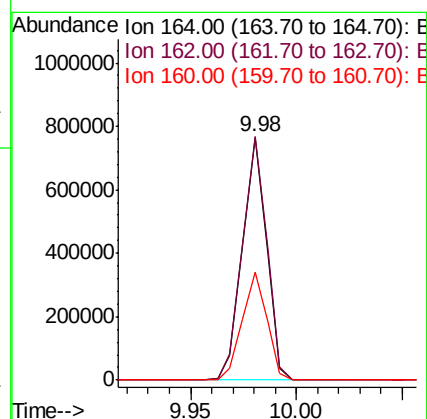
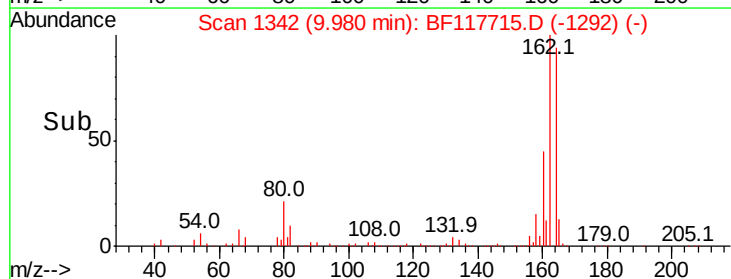
160 44.6 36.5 54.7

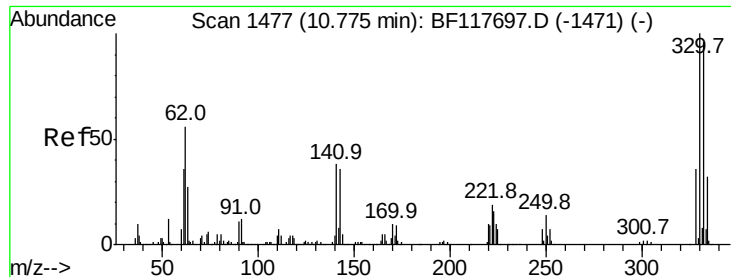


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 107.162 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

Instrument :

BNA_F

ClientSampleId :

9-C

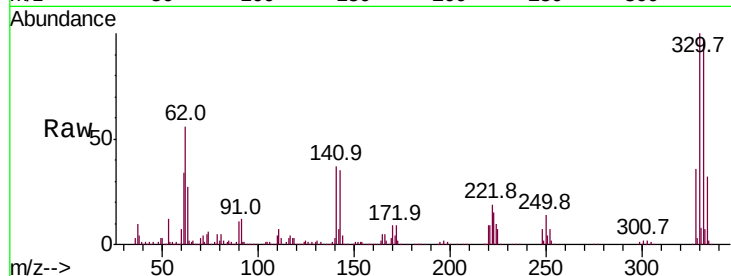
Tot Ion:330 Resp: 633136

Ion Ratio Lower Upper

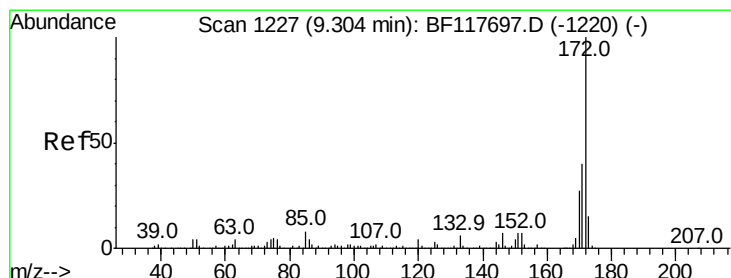
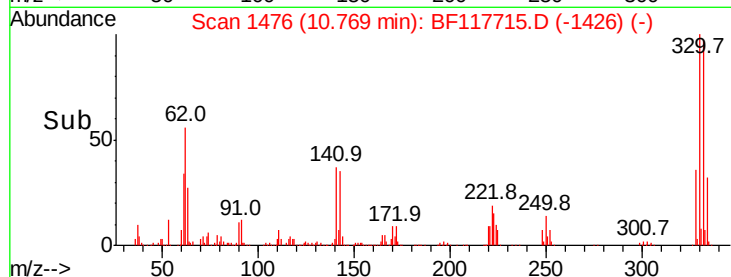
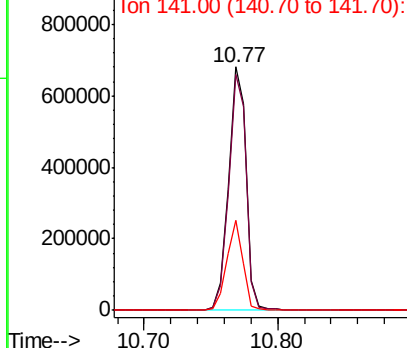
330 100

332 97.1 77.4 116.0

141 34.5 28.0 42.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 79.003 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

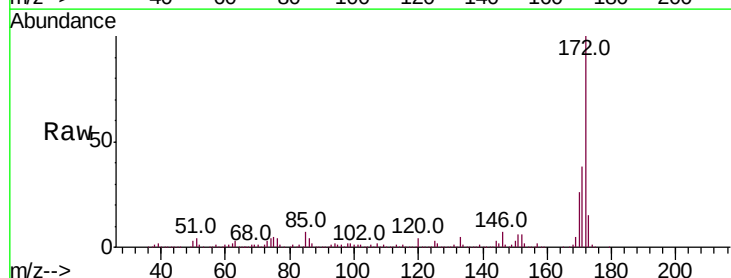
Tgt Ion:172 Resp: 2418412

Ion Ratio Lower Upper

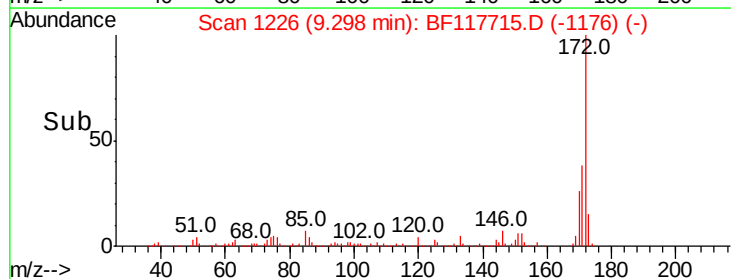
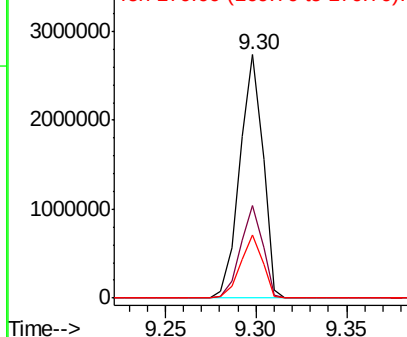
172 100

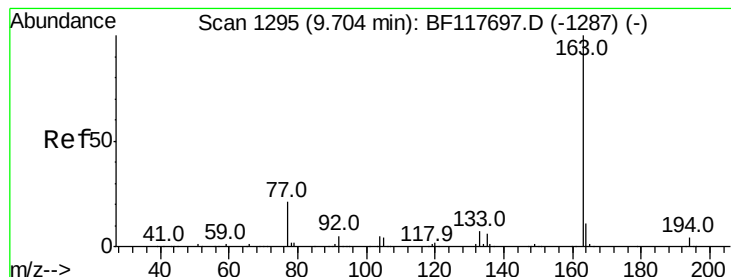
171 37.8 31.8 47.8

170 26.1 21.6 32.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.054 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

Instrument :

BNA_F

ClientSampleId :

9-C

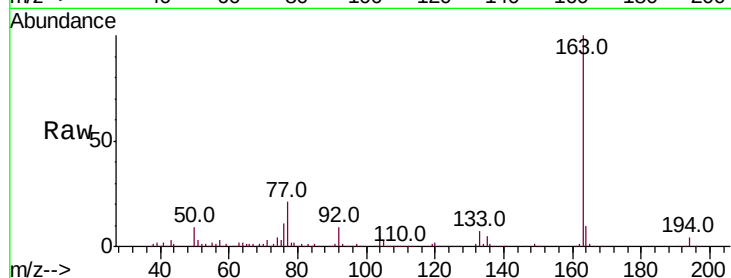
Tot Ion:163 Resp: 369694

Ion Ratio Lower Upper

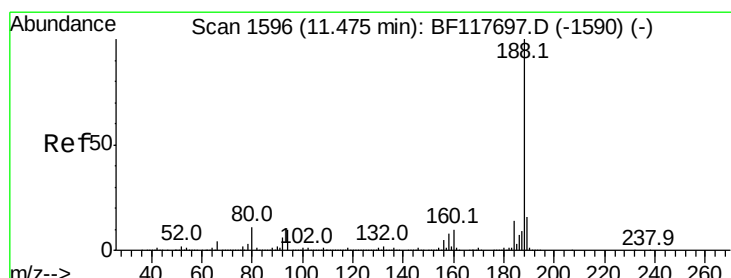
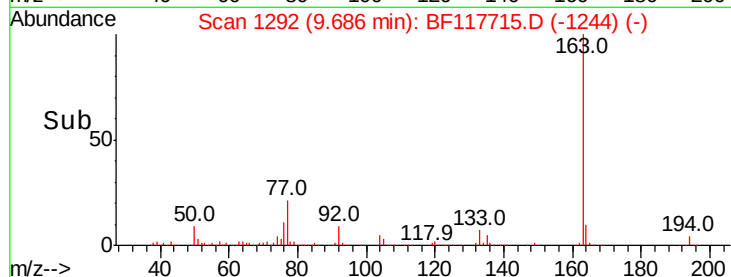
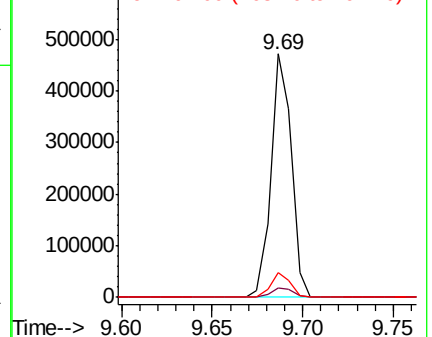
163 100

194 3.9 3.4 5.0

164 10.4 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

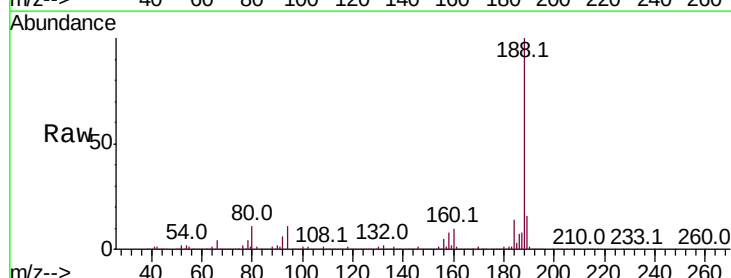
Tgt Ion:188 Resp: 1087451

Ion Ratio Lower Upper

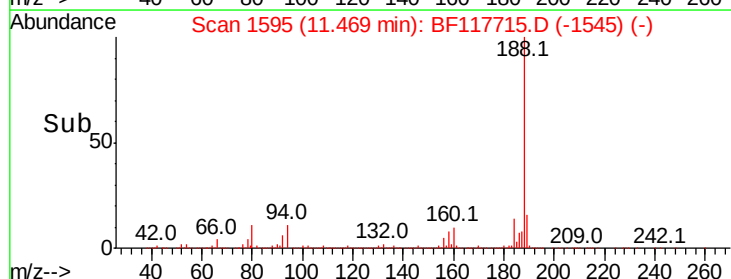
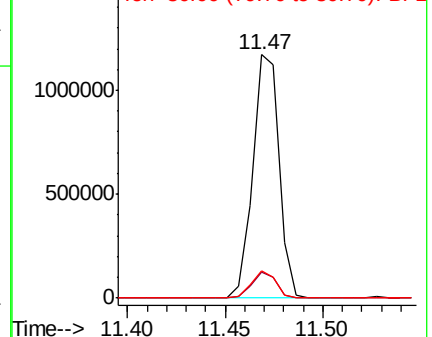
188 100

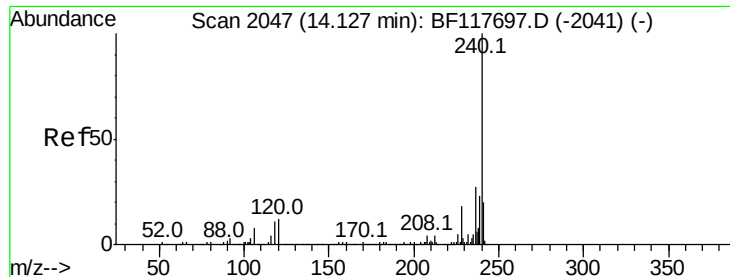
94 10.7 8.2 12.4

80 11.5 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

Instrument :

BNA_F

ClientSampleId :

9-C

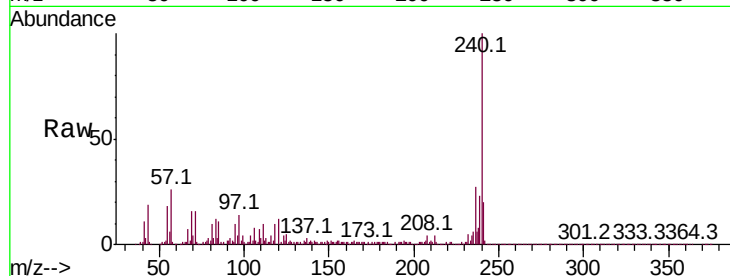
Tot Ion:240 Resp: 694623

Ion Ratio Lower Upper

240 100

120 11.8 9.7 14.5

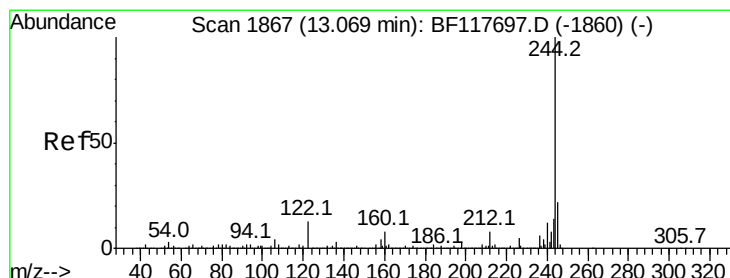
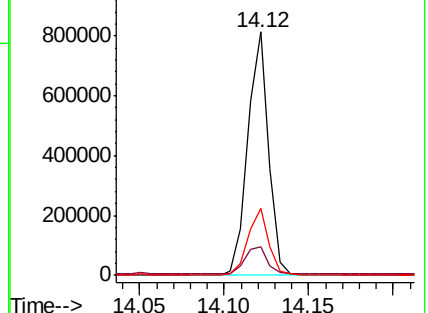
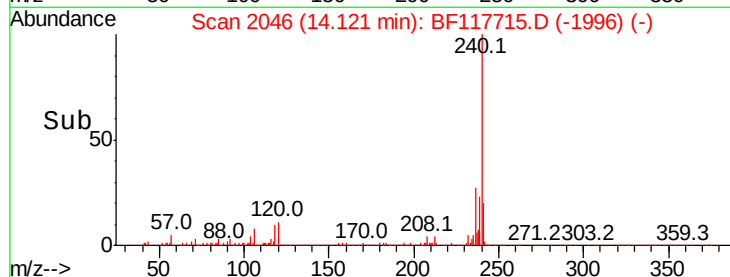
236 27.3 21.9 32.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 68.441 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

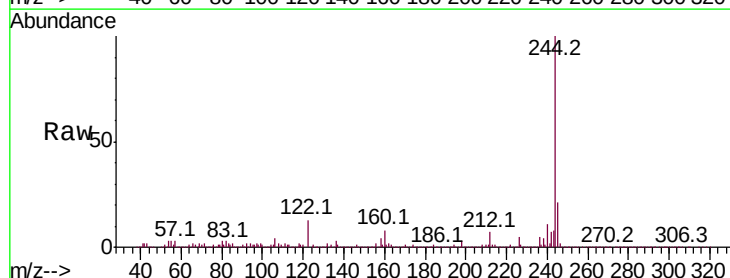
Tgt Ion:244 Resp: 2309401

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

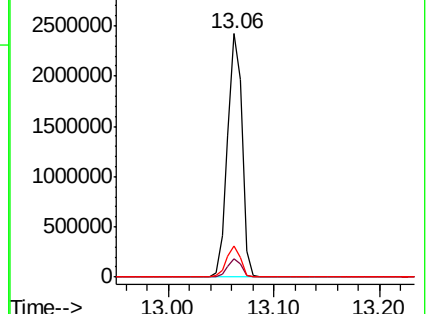
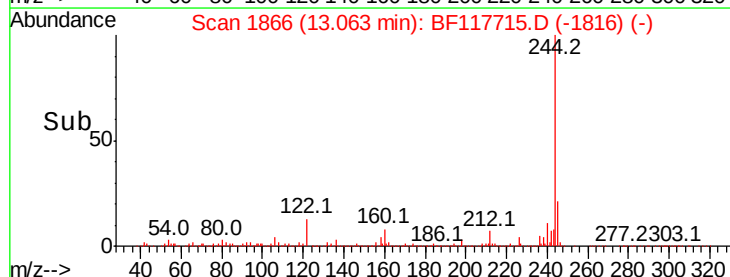
122 12.9 10.0 15.0

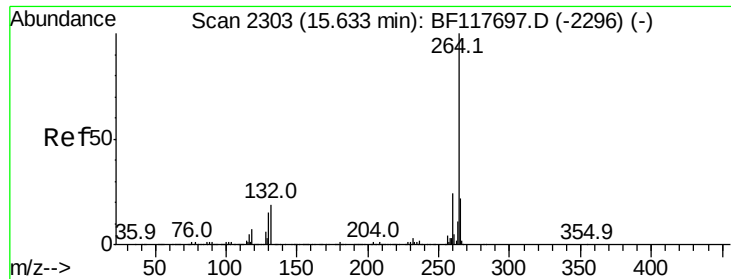


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.64 min Scan# 2304
 Delta R.T. 0.01 min
 Lab File: BF117715.D
 Acq: 7 Nov 2019 20:00

Instrument :
 BNA_F
 ClientSampleId :
 9-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	22.3	17.7	26.5

